

US EMBASSY, NEW DELHI**BILL OF QUANTITIES - HORTICULTURE WORKS**

S. No.	Particulars	Specifications	Qty.	Unit	Rate	Amount
HORTICULTURAL WORK						
1	Clearance of site if removal of bushes, vegetation etc.& disposal of same out side the project site as directed.		9347	Sft.		
2	Supply and stacking of good earth at site by mechanical transport, loading - unloading including royalty and carriage with all lead and lifts (good earth measured in stacks will be reduced by 20% for payments)					
a)	For lawn (9347 X .5)		4,673.50			
b)	For ground covers (20986 X .5)		10,493.00			
c)	For pits 823 Cft (222 X1.9)		421.80			
	(4100 X .56)		2,296.00			
	a+b+c		17,884.30	Cft.		
3	Supply and stacking of cowdung manure at site by mechanical transport, loading-unloading including royalty and carriage with all lead and lifts (cow dung manure measured in stacks will be reduced by 8% for payments)					
a)	For lawn (9347 X 0.045)		420.62			
b)	For ground cover (19453 X 0.083)		1,614.60			
c)	For pits [(222X1.9)/3]		140.60			
	[(4100X .56)/3]		765.33			
	a+b+c		2,941.15	Cft.		
4	Supplying and applying of chemical fertilizer before or after as per requirement					
a)	Urea/Ammonium Sulphate		108.05	Kgs.		
b)	Bone meal		43.22	Kgs.		
c)	Potassium Sulphate or Murate of Potash		108.05	Kgs.		
5	TREES & PALMS					
	The rate of the following items include for supply of plants as specified, transportation to site, excavation of pits, as follows :					
	0.9 X 0.9 X 0.9m. for trees					
	Filling pits with prepared manure soil (ratio 1 sludge plus 2 good earth by vol.) supply transportation & mixing of soil improvement nutrients including manure as required and inside coat of Chlorpyriphos 30% EC (DE-NOCIL) in all pits flooding with water, dressing including removal of rubbish & surplus earth if any with all leads & lifts, planting & stacking in full & final location including all locations specified,					

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	Maintenance of plants for period of 12 months replacement of any dead & sickly plants in this period, supply & spraying of insecticides as required.					
a.	TREES					
i	Musaanda Pink (Specimen)	5' HT,5'6" SP.	28	5' HT,5'6" SP.		
b.	PALMS					
i	Areca Palm (Specimen)	5' Stem ht.	20	5' Stem ht.		
c.	BAMBOOS					
i	Budha Belly	5' HT,3'SP.	174	5' HT,3'SP.		
6	SHRUBS & CLIMBERS					
	The rate of the following items include for supply of plants as specified, transportation to site, excavation of pits as follows:					
	0.6 X 0.6 X 0.6m for large shrubs and climbers					
	Filling pits with prepared manure soil (ratio 1 : 2 i.e. 1sludge : 2 good earth by col.) supply transportation & mixing of soil improvement nutrients including manure as required an removal of rubbish & surplus inside coat of Chlorpyriphos 30% EC (DE-NOCIL) in all pits flooding with water, dressing including earth if any with all leads & lifts, planting & staking in full & final locations specified maintenance of plants for period of 12 months replacement of any dead & sickly plants in this period, supply & spraying of insecticides as required.					
	SHRUBS					
a	Acalyph Red	2' HT,3' SP.	320	2' HT,3' SP.		
b	Acalyph Red (Specimen)	2' HT,3' SP.	44	2' HT,3' SP.		
c	Alpinia Varigated	1' HT,1'6" SP.	22	1' HT,1'6" SP.		
d	Bamboo Dwarf	3' HT,3' 6"SP.	1013	3' HT,3' 6"SP.		
e	Chandni Tagore Dwarf (Specimen)	2'6" HT,2'6" SP.	1160	2'6" HT,2'6" SP.		
f	Galphimia Glauca (Specimen)	1' HT,1'6" SP.	663	1' HT,1'6" SP.		
g	Hamelia Pantens 'Dwarf'	1' HT,1'6" SP.	862	1' HT,1'6" SP.		
h	Ixora Red (Specimen)	2' HT,3' SP.	16	2' HT,3' SP.		
7	GROUND COVERS					
	The rate of the following items include for supply of plants as specified, transportation to site, excavation of beds:					
	12" in depth. Filling bed with prepared manure soil (ratio 1 sludge + 2 good earth by vol.) supply transportation & mixing of supply transportation & mixing of soil improvement nutrients including manure as required and inside coat of Chlorpyriphos 30% EC (DE-NOCIL) in all pits flooding with water, dressing including removal or rubbish & surplus earth if any with all leads & lifts, planting & staking in full & final location including all locations specified maintenance of plants for period of 12 months replacement of any dead & sickly plants in this period, supply & spraying of insecticides as required.					
	GROUND COVER (Ground cover areas are given in sq.mts.a carpet effect is required at time of installation if not otherwise specified).					
	GROUND COVERS					

S. No.	Particulars	Specifications	Qty.	Unit	Rate	Amount
a	Asparagus Meyerii	8" Pot Full	1246	8" Pot Full		
b	Beleperore Gutata	8" Pot Full	445	8" Pot Full		
c	Lantana Sellowiana	8" Pot Full	3079	8" Pot Full		
d	Murraya exotica	8" Pot Full	1275	8" Pot Full		
e	Pennsetum Rubram	8" Pot Full	1110	8" Pot Full		
f	Roheo	8" Pot Full	1020	8" Pot Full		
g	Wadelia Trilobata	8" Pot Full	3226	8" Pot Full		
h	Zyphranthus (White)	8" Pot Full	7895	8" Pot Full		
i	Zyphranthus (Pink)	8" Pot Full	1690	8" Pot Full		
8	LAWN (Grassing)					
	Specification for Lawn					
	Trenching in ordinary soil upto a depth of 30 cm including removal & stacking of serviceable materials.					
	Rough dressing the trenched ground uprooting weeds flooding with water and applying insecticide as required					
	Spreading and mixing of good earth and cow-dung manure or organic manure in required thickness.					
	Fine dressing the ground.					
	Grassing with (specified) grass including watering until establishment of the lawn.					
	Final leveling by spreading sand & good earth mixture, manuring as and when required.					
a	Lawn Pusa Selection	Carpet Effect	9347	Carpet Effect		
	TOTAL (INR)					
	CONTINGENCIES @ 5%					
	GRAND TOTAL (INR)					
8	optional maintenance charges for a period of 12 months		12	months		

These are estimated quantities for reference only. Contract shall be awarded on lump sum basis. The contractor is responsible to field measure and to quantify the required material and tasks as to complete the project as per scope of work and drawings. Payment shall be made on as per actual duly certify by the COR of the contract.